



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

JAMES B. HUNT, JR.
GOVERNOR

DIVISION OF HIGHWAYS
P.O. BOX 25201, RALEIGH, N.C. 27611-5201

R. SAMUEL HUNT III
SECRETARY

September 9, 1994

MEMORANDUM TO: Whitmel H. Webb, P. E.
Manager of Program Development

FROM: David Modlin, P. E.
Feasibility Studies Unit Head

SUBJECT: SR 1692 (Tate Boulevard), Proposed Widening between SR 1468 and
SR 1476, Hickory, Catawba County, FS 17-95-006

At the request of Board Member Ann Gaither, we have investigated the cost of widening that portion of SR 1692 (Tate Boulevard) between SR 1476 and SR 1468. TIP project U-2414 proposes improvements to SR 1692 east of SR 1476. The existing roadway west of SR 1468 is 4-lane divided with a 44-foot median. The subject section of SR 1692 would be a two-lane section between multilane sections with the implementation of U-2414 proposals.

The existing right of way on the subject section of SR 1692 is 200 feet. This right of way was checked and is believed to be "good right of way". There are no anticipated relocates or utility costs.

The estimated construction cost for providing a five-lane curb and gutter section between SR 1468 and SR 1476, a distance of 2.04 miles is \$ 3,000,000.

The planning document being prepared for U-2414 proposes the section on new location between SR 1476 and SR 1007 be a 2-lane facility. The portion of SR 1007 between the Tate Boulevard tie and I-40 is proposed to be 5-lane curb and gutter. Anticipating the question, the revised construction costs for the portion of U-2414 on new location are as follows:

U-2414, 2-Lane, Relocation Construction Cost	\$ 2,650,000
U-2414, 5-Lane, Relocation Construction Cost	\$ 3,400,000

Should the entire section between SR 1468 and the tie to SR 1007 be improved to a 5-lane curb and gutter section, the additional estimated construction funds would be \$ 3,750,000.

WHW/dgm



U-2414

4-8-94
4-8-94

\$9,850,000
(\$9,100,000 w/4th sect #1)
\$6,850,000
(\$6,100,000)
\$3,400,000 (5th)
(\$2,650,000 2th)
\$3,000,000 (5th)

SR 1468

SR 1476

SR 1622

SECT #3

SECT #1

SECT #2

